

# I. CLAIM LISTING

1. (Canceled)

2. (Currently Amended) A device for delivery of an intraluminal prosthesis, comprising:  
 an elongated flexible sleeve having a proximal end and a distal area with a distal end;  
 an outer shaft having a proximal end and a distal area with a distal end, said outer shaft disposed within said sleeve and movable relative to said sleeve;  
 a securing member disposed on said outer shaft;  
 an inner shaft with a proximal end and a distal end, said inner shaft disposed within said outer shaft and movable relative to said outer shaft; and  
 an atraumatic tip disposed at said distal end of said inner shaft,  
 wherein said prosthesis is housed within said sleeve and said prosthesis is secured to said outer shaft by said securing member.

3-5. (Canceled)

6. (Previously presented) The device according to claim 2, further comprising a hand piece having a lever arm coupled to said sleeve, wherein actuation of said lever incrementally and precisely drives said sleeve in a proximal direction relative to said outer shaft, and  
 wherein said prosthesis is in a contracted condition within said distal area of said sleeve, whereby relative longitudinal motion between said sleeve and said outer shaft exposes said prosthesis and allows the exposed portion of said prosthesis to radially expand, and wherein said sleeve is slidingly movable in a proximal direction relative to said outer shaft to expose said prosthesis, and wherein said prosthesis remains secured to said outer shaft by said securing member when said prosthesis is fully exposed, and wherein relative longitudinal motion between said outer shaft and said inner shaft releases said securing member from said prosthesis.

7. (Original) The device according to claim 6, wherein said hand piece further comprises a tube connected to said sleeve and said lever so that actuation of said lever drives said tube in a proximal direction, and wherein movement of said tube causes said sleeve to be driven in a proximal direction.

8. (Original) The device according to claim 7, wherein said tube is biased in a distal direction by a spring.

9. (Original) The device according to claim 6, wherein said hand piece further comprises a release member coupled to said outer shaft, wherein said release member drives said outer shaft in a proximal direction relative to said inner shaft and releases said securing member from said prosthesis.

10. (Original) The device according to claim 9, wherein said inner shaft is fixedly connected to said hand piece.

11. (Original) The device according to claim 10, wherein said introducer includes a stop-cock for delivery of at least an aliquot of liquid solution from the group consisting of a contrast medium, saline, lactated ringer, dextran solution, antibacterial, or angiogenic growth factors.

12. (Original) The device according to claim 6, further comprising a port at a proximal end of said hand piece for delivery of at least an aliquot of liquid solution from the group consisting of a contrast medium, saline, lactated ringer, dextran solution, antibacterial, or angiogenic growth factors.

13-14. (Canceled)

15. (Currently amended) A device for the delivery of an intraluminal prosthesis, comprising:  
an elongated flexible sleeve having a proximal end and a distal area with a distal end;  
an outer shaft having a proximal end and a distal area with a distal end, said outer shaft disposed within said sleeve and movable relative to said sleeve; and  
a securing member disposed on said outer shaft, wherein said securing member is a fork-shaped element having at least one prong,  
wherein said prosthesis is housed within said sleeve and said prosthesis is secured to said outer shaft by said securing member.

16. (Original) The device according to claim 15 wherein said at least one said prong engages with said prosthesis.

17. (Original) The device according to claim 16, wherein said prosthesis is a self-expanding stent having a wire frame covered with a tubular coating, wherein said wire frame has ends terminating in at least one loop, said prong adapted to engage with said at least one loop.

18-19. (Canceled)

20-38. (Canceled)

39. (Currently amended) A device for the delivery of an intraluminal prosthesis, comprising:  
an elongated flexible sleeve having a proximal end and a distal area with a distal end;  
an outer shaft having a proximal end and a distal area with a distal end, said outer shaft disposed within said sleeve and movable relative to said sleeve; and  
a securing member disposed on said outer shaft,  
wherein said prosthesis is housed within said sleeve and said prosthesis is secured to said outer

shaft by said securing member, and wherein said intraluminal prosthesis is a self-expandable stent.

40. (Previously presented) The device of claim 39, wherein said device is a delivery catheter for the placement of said stent in a blood vessel.

41. (Canceled)